

# Product datasheet

Specifications



APC Smart-UPS C, Line Interactive, 1500VA, Tower, 230V, 8x IEC C13 outlets, SmartConnect port, USB and Serial communication, AVR, Graphic LCD

SMC1500IC

## Overview

|                     |   |
|---------------------|---|
| <b>Presentation</b> | Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices. |
| <b>Lead time</b>    | Usually Ships within 2 Weeks  |

## Main

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Main Input Voltage</b>     | 230 V                          |
| <b>Other Input Voltage</b>    | 220 V<br>240 V                 |
| <b>Main Output Voltage</b>    | 230 V                          |
| <b>Other Output Voltage</b>   | 220 V<br>240 V                 |
| <b>Rated power in W</b>       | 900 W                          |
| <b>Rated power in VA</b>      | 1500 VA                        |
| <b>Input Connection Type</b>  | IEC 320 C14                    |
| <b>Output connection type</b> | 8 IEC 320 C13<br>2 IEC Jumpers |
| <b>Battery type</b>           | Lead-acid battery              |
| <b>Provided equipment</b>     | USB cable                      |

## General

|  |                          |
|--|--------------------------|
| <b>Number of power module filled slots</b> | 0                        |
| <b>Number of power module free slots</b>   | 0                        |
| <b>Product web sub-family</b>              | Cloud-enabled monitoring |
| <b>Redundant</b>                           | No                       |

## Physical

|               |         |
|---------------|---------|
| <b>Colour</b> | Black   |
| <b>Height</b> | 21.9 cm |
| <b>Width</b>  | 17.1 cm |
| <b>Depth</b>  | 43.9 cm |

|                            |                    |
|----------------------------|--------------------|
| <b>Net weight</b>          | 20.1 kg            |
| <b>Mounting location</b>   | Front              |
| <b>Mounting preference</b> | No preference      |
| <b>Mounting mode</b>       | Not rack-mountable |
| <b>Two post mountable</b>  | 0                  |
| <b>USB compatible</b>      | Yes                |

## Input

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Input voltage limits</b> | 170...300 V adjustable<br>180...287 V |
| <b>Network frequency</b>    | 50/60 Hz +/- 3 Hz auto-sensing        |

## Output

|   |                                 |
|---|---------------------------------|
| <b>Harmonic distortion</b>              | Less than 5 %                   |
| <b>Maximum configurable power in VA</b> | 1500 VA                         |
| <b>Maximum configurable power in W</b>  | 900 W                           |
| <b>Transfer time</b>                    | 6 ms typical : 10 ms maximum    |
| <b>UPS type</b>                         | Line interactive                |
| <b>Wave type</b>                        | Sine wave                       |
| <b>Output frequency</b>                 | 50/60 Hz +/- 3 Hz sync to mains |

## Conformance


|                               |  |
|-------------------------------|--|
| <b>Product certifications</b> | C-Tick<br>CE<br>GOST<br>VDE  |
| <b>Standards</b>              | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |

## Environmental

|  |                   |
|--|-------------------|
| <b>Acoustic level</b>                        | 45 dBA            |
| <b>Heat dissipation</b>                      | 135 Btu/h         |
| <b>Operating altitude</b>                    | 0...10000 ft      |
| <b>Ambient air temperature for operation</b> | 0...40 °C         |
| <b>Ambient air temperature for storage</b>   | -15...45 °C       |
| <b>Storage altitude</b>                      | 0.00...15240.00 m |
| <b>Relative humidity</b>                     | 0...95 %          |
| <b>Storage Relative Humidity</b>             | 0...95 %          |

## Batteries & Runtime

|                                       |     |
|---------------------------------------|-----|
| <b>Extended runtime</b>               | 0   |
| <b>Number of battery filled slots</b> | 0   |
| <b>Number of battery free slots</b>   | 0   |
| <b>Battery recharge time</b>          | 3 h |

|  |  |
|--|--|
| Number of battery replacement quantity | 1  |
| Battery life                           | 3...5 year(s)  |
| Replacement battery                    | <a href="#">RBC6</a>  |
| Battery power in VAh                   | 288 VAh runtime  |
| Battery charger power                  | 96 W rated   |

## Communications & Management

|               |   |
|---------------|---|
| Control panel | Multifunction LCD status and control console                                |
| Free slots    | 0   |
| Alarm         | Alarm when on battery : distinctive low battery alarm : configurable delays |

## Surge Protection and Filtering

|                   |  |
|-------------------|--|
| Surge energy rate | 459 J  |
| Noise suppression | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 33 cm    |
| Package 1 Width              | 59 cm    |
| Package 1 Length             | 33 cm    |
| Package 1 Weight             | 22.64 kg |

## Offer Sustainability

|                             |  |
|-----------------------------|--|
| Sustainable offer status    | Green Premium product                            |
| REACH Regulation            | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free                | Yes  |
| RoHS exemption information  | <a href="#">Yes</a>                              |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>    |
| Circularity Profile         | <a href="#">End of Life Information</a>          |
| Optimized Energy Efficiency | Energy efficient product                         |
| Take-back                   | Take-back program available                      |

## Contractual warranty

|          |                           |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|

## Recommended replacement(s)